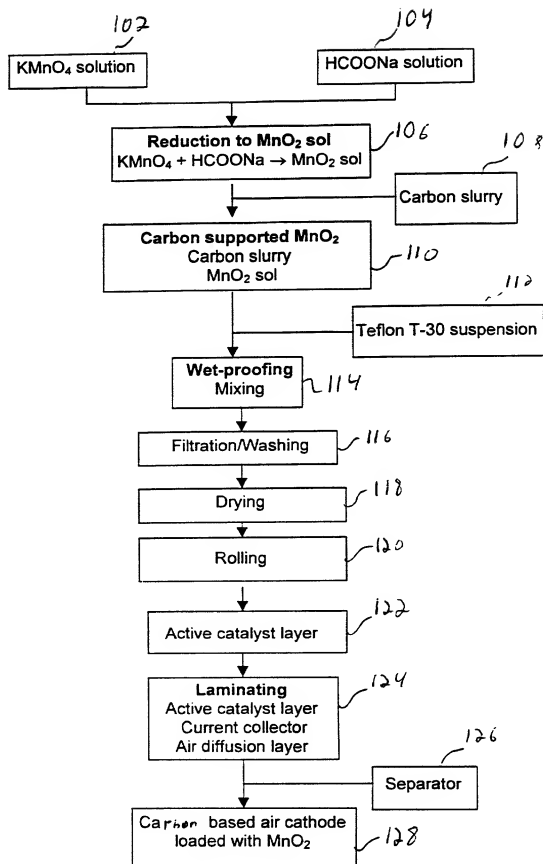


Fig. 2

1066938-020102



Flow-sheet for fabrication of carbon based air cathode

Fig. 3: Performance of carbon based ir cathode loaded with or without manganese oxide

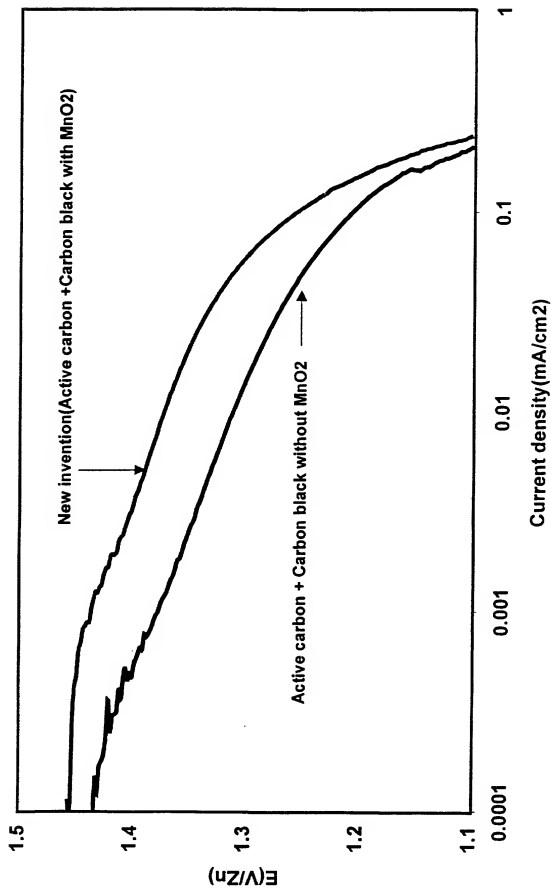


Fig. 4: Performance of new invention based air cathode VS present art

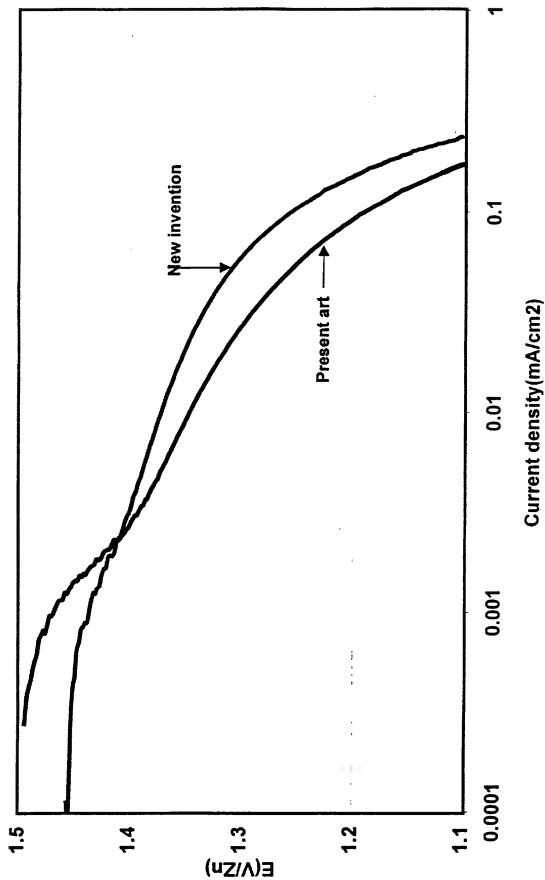


Fig. 5 : Particle size distribution of manganese oxide of this invention

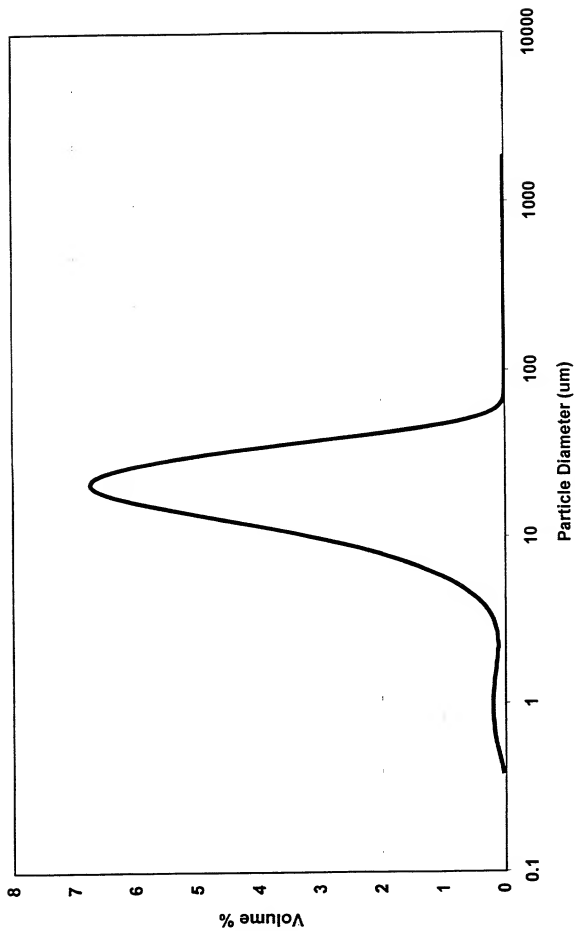
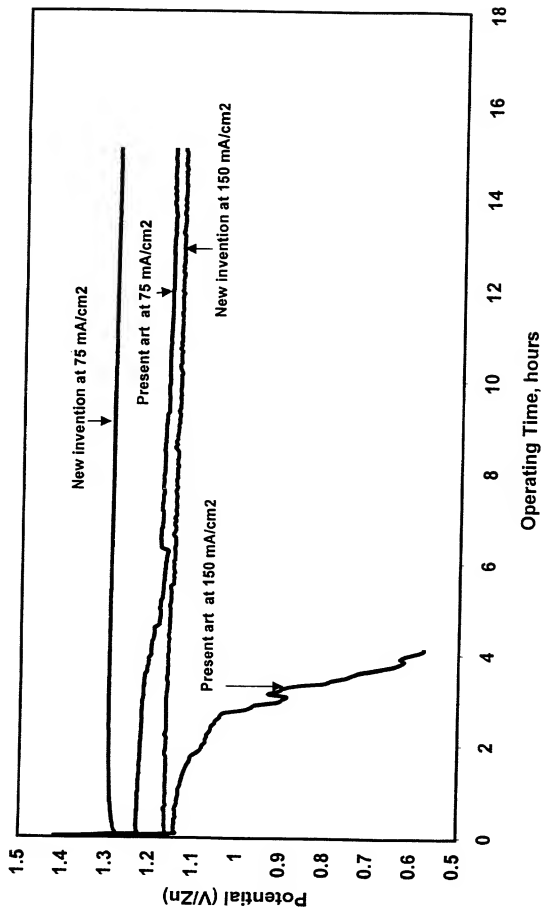


Fig. 6 : Long-term stability performance at constant current density of new invention carbon based air cathode Vs present art



201020 SE699001

Fig. 7: Discharge profile at 374 Ohm of 13U zinc air cells built with new invention based air cathode ; Test description.: 374 Ohm; 16H/D 70F/50%

